

Converting Colors

YUV(214.8840, 12.3822,
-51.6413)

Have a look what the booklet for
YUV(214.8840, 12.3822, -51.6413)
contains.

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Color

**YUV(214.8840, 12.3822,
-51.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	9CF0F0
RGB	156, 240, 240
RGB Percent	61%, 94%, 94%
CMY	0.3882, 0.0588, 0.0588
CMYK	0.35, 0.00, 0.00, 0.06
HSL	180°, 74%, 78%
HSV	180°, 35%, 94%
XYZ	60.5986, 75.6794, 93.8518
YIQ	214.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

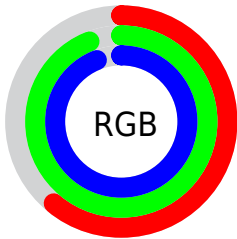
Format	Color
R_{YB}	156, 198, 240
Decimal	10285296
CIE _{Lab}	89.71, -25.31, -8.08
CIE _{LCh}	90, 26.566, 197.703
Yxy	75.6794, 0.2633, 0.3289
Android (android.graphics.Color)	4288475376 (0xFF9CF0F0)
YUV	214.8840, 12.3822, -51.6413
Hunter-Lab	86.9939, -27.8990, -3.0682

Details

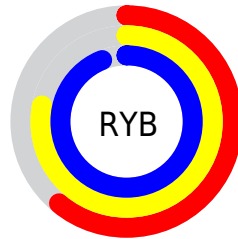
The YUV color **214.8840, 12.3822, -51.6413** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.1160, -12.3822, 51.6413**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **158.8840, 12.3822, -51.6413** is the 20% darker color. If you saturate the color by 10%, you get **207.7080, 15.9200, -66.3959**, and if you desaturate by 10%, it is **222.0600, 8.8444, -36.8866**.

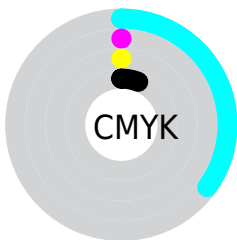
Distribution



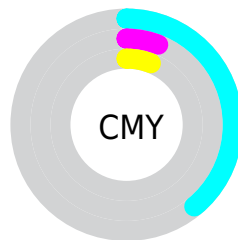
- Red (61%)
- Green (94%)
- Blue (94%)



- Red (61%)
- Yellow (78%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8840, 12.3822, -51.6413 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 214.8840, 12.3822, -51.6413 by changing the saturation by 10% instead.

214.8840, 12.3822,
-51.6413

214.8840, 12.3822,
-51.6413

255.0000, 0.0000,
0.0000

186.8840, 12.3822,
-51.6413

242.4420, 6.1911,
-25.8206

158.8840, 12.3822,
-51.6413

251.4120, 1.7689,
-7.3773

131.5850, 12.5296,
-52.2560

103.5030, 13.5560,
-54.8151

73.7190, 15.9145,
-64.6516

56.3080, 12.6662,
-49.3821

40.1850, 9.2758,

-35.2422

■ 25.3500, 5.7435,
-22.2319

■ 2.5250, 7.1362,
-2.2144

■ 214.8840, 12.3822,
-51.6413

■ 214.8840, 12.3822,
-51.6413

■ 207.7080, 15.9200,
-66.3959

■ 222.0600, 8.8444,
-36.8866

■ 200.5320, 19.4577,
-81.1506

■ 229.2360, 5.3067,
-22.1320

■ 193.3560, 22.9955,
-95.9052

■ 236.4120, 1.7689,
-7.3773

■ 186.1800, 26.5333,
-110.6599

■ 243.5880, -1.7689,
7.3773

■ 179.0040, 30.0710,
-125.4145

■ 244.4850, -2.2111,
9.2217

■ 171.8280, 33.6088,
-140.1692

■ 168.2400, 35.3777,
-147.5465

Harmonies

Analogous

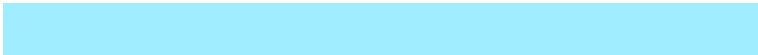
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.4160, -1.1911, -38.0758



214.8840, 12.3822, -51.6413



215.7300, 19.3601, -49.7522

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.8840, 12.3822, -51.6413



228.8400, 12.8969, 16.8033



225.4490, -24.3784, 25.9162

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



214.8840, 12.3822, -51.6413



181.1160, -12.3822, 51.6413

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.2350, -16.3849, 28.7349



214.8840, 12.3822, -51.6413



225.3590, 5.7390, 25.9952

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.8840, 12.3822, -51.6413



224.5550, 15.0094, -7.5027



222.3950, -5.6177, 28.5946



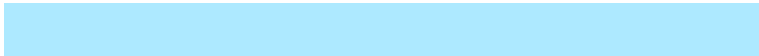
223.0720, -22.7135, 5.1989

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.8840, 12.3822, -51.6413



217.5680, 18.4540, -39.0861



222.3950, -5.6177, 28.5946



224.6170, -22.4892, 26.6459

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



214.8840, 12.3822, -51.6413



246.6280, 4.1274, -17.2138



205.3080, -24.3088, -43.2431



122.9170, 2.5059, -10.4512



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.8840, 12.3822, -51.6413



223.0070, 15.7725, -65.7811



190.2300, 24.5366, -30.0197



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



190.6920, 24.3088, 43.2431



192.1910, 30.9648, 55.0835



205.7700, -24.5366, 30.0197



112.9560, 3.4727, 6.1776



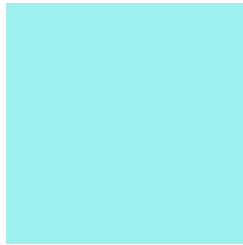
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 214.8840, 12.3822, -51.6413 looks on a white background.

Color Contrast Check

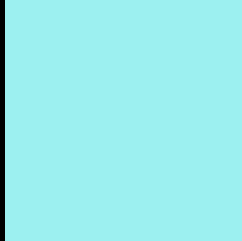
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 214.8840, 12.3822, -51.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.8840, 12.3822, -51.6413

Background



This preview shows how black text looks on a background with the YUV color 214.8840, 12.3822, -51.6413.



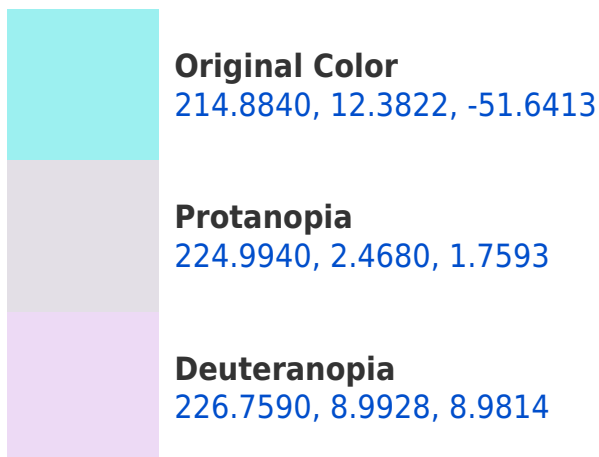
This preview shows how white text looks on a background with the YUV color 214.8840, 12.3822, -51.6413.

-51.6413.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

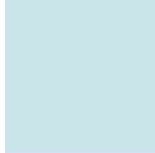
217.2250, 18.6231, -46.6783

Trichromacy



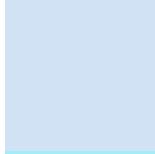
Original Color

214.8840, 12.3822, -51.6413



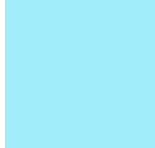
Protanomaly

221.1980, 6.3114, -17.7136



Deuteranomaly

222.5560, 10.0789, -12.7656



Tritanomaly

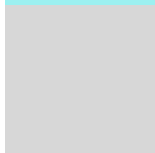
216.3450, 16.5919, -48.5376

Monochromacy



Original Color

214.8840, 12.3822, -51.6413



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8840, 12.3822, -51.6413 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(156, 240, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 240, 240) }
```

Border

The CSS property to change the border of an element to YUV 214.8840, 12.3822, -51.6413 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 240, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 240, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(156, 240,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 214.8840, 12.3822, -51.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 240, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
240, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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